STIC Search Report
EIC 3600

STIC Database Tracking Number: 107798

To:	From:
Donna Wildermuth Location:3B49 Art Unit : 3637 Friday, January 20, 2006 Case Serial Number: 10/812468	Etelka R. Griffin Location: EIC 3600 KNOX/4B68 Phone:571-272-4230 Etelka.griffin@uspto.gov

Search Notes

LITIGATION-6189616

522913 (09) 6189616 February 20, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6189616

February 20, 2001

Expandable wellbore junction

APPL-NO: 522913 (09)

FILED-DATE: March 10, 2000

GRANTED-DATE: February 20, 2001

CORE TERMS: wellbore, tubular, connector, radially, sealing, lateral, packer, casing, sealingly, grip ...

ENGLISH-ABST:

Multiple wellbores are interconnected utilizing a deflection device having a guide layer of lower hardness than the body of the deflection device, and a cutting tool having a guide portion and being operative to cut through the deflection device guide layer and a tubular structure lining a wellbore.

No Documents Found!

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"6189616 or 6,189,616"

Patent, Trademark & Copyright Periodicals Combined

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Patent Cases from Federal Courts And Administrative Materials

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Patent Search - Number: 6189616

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Query/Command : PRT SS 2 MAX 1 LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

Patent Number :
US6189616 B1 20010220 [US6189616]

Title :
(B1) Expandable wellbore junction

Patent Assignee :
(B1) HALLIBURTON ENERGY SERV INC (US)

Patent Assignee :
Halliburton Energy Services, Inc., Dallas TX [US]

Inventor(s) :
(B1) GANO JOHN C (US); BOWLING JOHN S (US); FREEMAN TOMMIE A (US); LONGBOTTOM JIM R (US)

Application Nbr :
US52291300 20000310 [2000US-0522913]

Filing Details :
Divsn of US086716 19980528 [1998US-0086716]

Priority Details :
US52291300 20000310 [2000US-0522913]
US8671698 19980528 [1998US-0086716]

Intl Patent Class :
(B1) E21B-007/08 E21B-043/14

EPO ECLA Class :
E21B-007/06B
E21B-023/04
E21B-023/06
E21B-029/06
E21B-033/12
E21B-033/12F
E21B-033/12F2
E21B-033/127
E21B-041/00L2
E21B-043/10F

US Patent Class :
ORIGINAL (O) : 166298000; CROSS-REFERENCE (X) : 166055100 166117600 166313000 166376000 175081000

Document Type :
Corresponding document

Citations :
US2331293; US2397070; US4444276; US5318122; US5330007; US5348095; US5388648; US5425559; US5655602; US5695008; US5718288; US5771972; US5794702; US5813465; US5937955; US6059037; EP0136935; EP0795679 A2; WO9623953; WO9706345; WO9913195
Drilling Engineering Association "Rapid Juntion" Project Proposal Form, Undated 1998 DEA Rapid Junction Proposal, dated Jan. 15, 1998.

Publication Stage :
(B1) U.S. Patent (no pre-grant pub.) after jan. 2, 2001

Abstract :
Multiple wellbores are interconnected utilizing a deflection device having a guide layer of lower hardness than the body of the deflection device, and a cutting tool having a guide portion and being operative to cut through the deflection device guide layer and a tubular structure lining a wellbore.

Update Code :
2001-14

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Patent Number :

US6189616 B1 20010220 [US6189616]

Application Number :

US52291300 20000310 [2000US-0522913]

Action Taken :

20030513 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030214

20040928 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040330

20050628 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040330

Update Code :

2005-27

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,189,616 A 20010220 [US6189616]

Patent Assignee :

Halliburton Energy Services Inc

Actions :

20030214 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20030513
REISSUE REQUEST NUMBER: 10/367619
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

20040330 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040928
REISSUE REQUEST NUMBER: 10/812597
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

20040330 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20050628
REISSUE REQUEST NUMBER: 10/812468
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

1 / 1 INPADOC - ©INPADOC

Patent Number :
US 6189616 BA 20010220 [US6189616]

Title :
EXPANDABLE WELLBORE JUNCTION

Inventor(s) :
GANO JOHN C [US]; FREEMAN TOMMIE A [US]; LONGBOTTOM JIM R [US]; BOWLING JOHN S [US]

Patent Assignee (Words) :
HALLIBURTON ENERGY SERV INC [US]

Application Details :
US 522913/00-A 20000310 [2000US-0522913]

Priority Details :
US 522913/00-A 20000310 [2000US-0522913]
US 86716/98-A3 19980528 [1998US-0086716]

Intl. Patent Class. :
E21B-007/08; E21B-043/14

1 / 1 LGST - ©EPO

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US6189616 B1 20010220 [US6189616]

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EFFECTIVE DATE: 20030214

20040928 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040330

20050628 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040330

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2005-27

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